

# CONTAMINAT

#### Best All-Round Protection:

Our Optimum range is the industry leader in clarity and translucency that provides best all-round protection against impacts and environmental damage.

#### **Anti-Contamination:**

In addition to self-healing, the extremely durable high-tech polymeric formulation works to seal the paintwork against all contaminants and keep your vehicle looking better than new.

#### LAYER 1 PROTECTIVE INTERLEAF

#### LAYER 2

- UNIQUE NANOTECHNOLOGY COATING SYSTEM
- Formulated with extreme nanotechnology hydrophobic properties for anti contamination function
- Self healing ability on scratches
- Anti graffiti features
- Crystal clear visibility

## LAYER 3

#### SPECIAL FORMULATED ADHESIVE

- Easy repositioning •
- Ease of installation Safe & secure

#### LAYER 4

THERMA-POLYURETHANE PROTECTION FILM

- High level clarity
- Ultimate puncture defender
- Highly flexible & conformable

## AGNUS PRC PAINT PROTECTION FILM

#### www.magnuspro.net

**LAYER 5** 

POLYESTER LINER



# 

### Product Sgs Test:

Magnus Pro OPTIMUM Paint Protection Film are fully inspected & certifed by SGS to ensure best performance and quality in the market. Details of Sgs Lab Test report can be found at www.magnuspro.net.

Property	Test Method	Result
Acid Resistance	JIS K5400(1990)	PASS
Alkali Resistance	JIS K5400(1990)	PASS
Glossiness	BS EN ISO 2813 : 1994	82
Heat Resistance	Hot air circulation box exposure 80°C/ 16 days	PASS
Salt Water Resistance	JIS K5400(1990)	PASS
Tensile Strength & Elongation	ASTM D638-14 Type I , r=50mm/min	260 kgf/cm²/357%
Ageing Test	ASTM G154-16	PASS
Rating Adhesion	ASTM D3359-17	PASS

### Warranty : 🕠

Once the film is installed, it will last permanently and is backed with a warranty up to 6 years.

 $\begin{aligned} &K_{2}SiO_{3} + 2 HCI = 2 KCI + H_{2}SiO_{3} \downarrow \\ &2 K^{+} + SiO_{3}^{2^{-}} + 2 H^{+} + 2 CI^{-} = 2 K^{+} + 2 CI^{-} + H_{2}SiO_{3} \downarrow \\ &2 H^{+} + SiO_{3}^{2^{-}} = H_{2}SiO_{3} \downarrow \\ &Ba(OH)_{2} + K_{2}CO_{3} = BaCO_{3} \downarrow + 2 KOH \\ &Ba^{2^{+}} + 2 OH^{-} + 2 K^{+} + CO_{3}^{2^{-}} = BaCO_{3} \downarrow + 2 K^{+} + \end{aligned}$ 

